

MEGA KABEL PRODUCTS SPECIFICATION



CONSTRUCTION

CONDUCTOR	:	PLAIN ANNEALED COPPER CONDUCTOR
INSULATION	:	PVC
BEDDING	:	PVC
ARMOUR	:	GALVANISED STEEL WIRES
SHEATH	:	PVC
COLOUR OF CORES	:	TWIN-CORE : RED & BLACK
COLOUR OF SHEATH	:	BLACK

PVC INSULATED, PVC SHEATHED ARMoured CABLE

MS 2103

600/1000V

Cross Sectional Area of Conductor	Shape of Conductor	Nominal Insulation Thickness	Nominal diameter of steel wire	Nominal Sheath Thickness	Approx. Overall Diameter	Approx. Cable Weight
mm ²		mm	mm	mm	mm	Kg/Km
1.5	CS	0.80	0.90	1.80	13.8	376
2.5	CS	0.80	0.90	1.80	14.6	439
4	CS	1.00	0.90	1.80	16.4	550
6	CC	1.00	1.25	1.80	18.0	630
10	CC	1.00	1.25	1.80	20.1	885
16	CC	1.00	1.25	1.80	21.9	1106
25	SS	1.20	1.60	1.80	23.0	1435
35	SS	1.20	1.60	1.80	24.9	1680
50	SS	1.40	1.60	1.90	27.8	2100
70	SS	1.40	2.00	2.00	31.4	2640
95	SS	1.60	2.00	2.20	35.7	3680
120	SS	1.60	2.00	2.30	38.2	4310
150	SS	1.80	2.50	2.40	42.5	5060
185	SS	2.00	2.50	2.60	46.8	6570
240	SS	2.20	2.50	2.80	51.8	8110
300	SS	2.40	2.50	2.90	56.8	9790
400	SS	2.60	2.50	3.20	62.5	11850

Shape	:	CS	:	Circular Stranded Conductor (Class 2)
		CC	:	Circular Compacted Stranded Conductor (Class 2)
		SS	:	Shaped Stranded Conductor (Class 2)

Notes : Current rating and voltage drop refer to Page A-5